



Appl. No. 10/771,907

Amdt. dated November 17, 2006

Reply to Office Action of August 18, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 - 4 (Canceled)

5. (Currently Amended) The composition of claim †21 wherein the second antioxidant is ~~ditridecyldithiopropionate~~ ditridecyldithiopropionate.

6. (Currently Amended) The composition of claim †21 wherein the weight ratio of the first antioxidant to the second antioxidant is ~~in the range of from about 70:30 to about 30:70~~ 55:45.

7. (Currently Amended) The composition of claim †21 further comprising at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants.

8. (Currently Amended) The composition of claim †21 wherein the lubricant is a lubricating oil.

Appl. No. 10/771,907
Amdt. dated November 17, 2006
Reply to Office Action of August 18, 2006

9. (Currently Amended) A composition comprising:

- A) a lubricant;
- B) a liquid solution of
 - (I) butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate[[:]];
 - (ii) ~~ditridecyldithiopropionate; ditridecyldithiopropionate;~~ and,

optionally,

~~D)C)~~ at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants;
wherein ~~the ratio the butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate to the ditridecyldithiopropionate is in the range of from about 70:30 to about 30:70 comprises greater than 40% by weight of the liquid solution.~~

10. (Original) The composition of claim 9 wherein the lubricant is a lubricating oil.

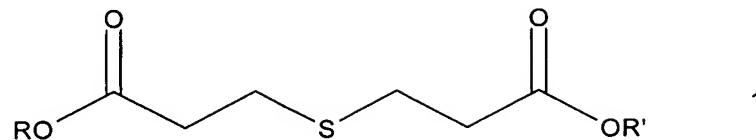
11 - 14. (Canceled)

15. (Currently Amended) The method of claim ~~11~~ 22 wherein the second antioxidant is ~~ditridecyldithiopropionate~~ ditridecyldithiopropionate.

Appl. No. 10/771,907
Amdt. dated November 17, 2006
Reply to Office Action of August 18, 2006

16. (Currently Amended) The method of claim ~~11~~ 22 wherein the weight ratio of the first antioxidant to the second antioxidant is ~~in the range of from about 70:30 to about 30:70~~ 55:45.
17. (Currently Amended) The method of claim ~~11~~ 22 further comprising at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants.
18. (Currently Amended) The method of claim ~~11~~ 22 wherein the lubricant is a lubricating oil.
19. (Canceled)
20. (Currently Amended) The method of claim ~~19~~ 24 wherein the lubricant is a lubricating oil.
21. (New) A composition comprising a lubricant and a liquid antioxidant blend comprising at least a first antioxidant and a second antioxidant, the first antioxidant being butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate and the second antioxidant being a dialkyldithiopropionate of the structure:

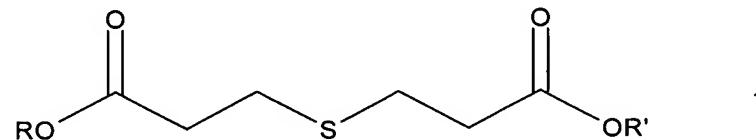
Appl. No. 10/771,907
Amdt. dated November 17, 2006
Reply to Office Action of August 18, 2006



wherein R and R' are independently selected from the group consisting of straight chain and branched chain alkyl groups, and wherein the liquid blend comprises at least 40% by weight of the first antioxidant dissolved in the second antioxidant.

22. (New) A method of increasing the oxidation stability of a lubricant comprising the steps of:

(A) dissolving a first antioxidant that is butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate in a second antioxidant that is a dialkyldithiopropionate of the structure:



wherein R and R' are independently selected from the group consisting of straight chain and branched chain alkyl groups to form a liquid antioxidant blend solution comprising greater than 40% by weight of the first antioxidant, and

(B) adding the antioxidant blend solution to the lubricant.

Appl. No. 10/771,907
Amdt. dated November 17, 2006
Reply to Office Action of August 18, 2006

23. (New) The composition of claim 9 wherein the weight ratio of the butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate to the ~~ditridecyldithiopropionate~~
ditridecyldithiopropionate is 55:45.

24. (New) A method of increasing the oxidation stability of a lubricant comprising the steps of:

(A) dissolving butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate in ~~ditridecyldithiopropionate~~ditridecyldithiopropionate to form a liquid antioxidant blend solution comprising greater than 40% by weight of the butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate;

(B) adding

(I) adding the liquid antioxidant blend solution and, optionally,

(ii) at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants to the lubricant.

25. (New) The method of claim 24 wherein the weight ratio of the butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate to the ~~ditridecyldithiopropionate~~
ditridecyldithiopropionate is 55:45.